

Algae Toxin (Microcystin) Data Summary

Kissimmee River

Updated September 15, 2006

Station Identification	Date Collected	Chlorophyll a mg/m ³	Flag	Microcystin LR Concentration Equivalents (µg/L)	Flag	Field Observations on Bloom
S65 (S65 Spillway on Lake Kissimmee at C-38 Canal, Pool A)	1/17/2006	10.7	J	<0.1	U	no blue green algae visible
	2/13/2006	14.4		<0.1	U	no blue green algae visible
	3/28/2006	25.3		0.4	I	-
	4/11/2006	20.5		0.4	I	no blue green algae present
	5/8/2006	15.6		0.6	I	no blue green algae present
	5/23/2006	8.7		0.2	I	no blue green algae present
	6/6/2006	6.9		0.2	I	no blue green algae present
	6/19/2006	21.5		0.3	I	no blue green algae present
	7/18/2006	13.2		1.3		no blue green algae present
7/31/2006	33.4		1.8		no blue green algae present	
S65A (S65A Spillway on C-38 Canal, Pool A)	1/17/2006	5	J	<0.1	U	no blue green algae visible
	2/13/2006	6.1	J	0.2	I	no blue green algae visible
	3/28/2006	3.2	I	0.3	I	-
	4/11/2006	19.6		0.2	I	no blue green algae present
	5/8/2006	20.8		0.5	I	no blue green algae present
	5/23/2006	7.5		0.2	I	no blue green algae present
	6/6/2006	8.8		<0.1	U	no blue green algae present
	6/19/2006	9.8		0.2	I	no blue green algae present
	7/18/2006	13.1		0.5	I	no blue green algae present
7/31/2006	17.6		0.9		no blue green algae present	
S65C (S65C Spillway on C-38 Canal, Pool BC)	1/17/2006	2.3	I	<0.1	U	no blue green algae visible
	2/13/2006	2.4	I	<0.1	U	no blue green algae visible
	3/28/2006	3.1	I	<0.1	U	-
	4/11/2006	2.8	I	<0.1	U	no blue green algae present
	5/8/2006	13.4		0.8		light concentration present in streaks on surface
	5/23/2006	8.7		0.6	I	light concentration present in streaks on surface
	6/6/2006	9.6		<0.1	U	no blue green algae present
	6/19/2006	4.1		0.3	I	no blue green algae present
	7/18/2006	8.8		0.5	I	no blue green algae present
7/31/2006	10		0.6	I	no blue green algae present	

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S65D (S65D Spillway on C-38 Canal, Pool D)	1/17/2006	2.5	I	<0.1	U	no blue green algae visible
	2/13/2006	2.3	I	<0.1	U	no blue green algae visible
	3/28/2006	4		<0.1	U	-
	4/11/2006	1	I	<0.1	U	no blue green algae visible
	5/8/2006	8.7		0.3	I	light concentration present in streaks on surface
	5/23/2006	3.6	I	4.8		light concentration present in streaks on surface
	6/6/2006	4.8		<0.1	U	no blue green algae present
	6/19/2006	3.2	I	0.2	I	no blue green algae present
	7/18/2006	8		0.6	I	no blue green algae present
S65E (S65E Spillway/Lock on C-38 Canal, at Lake Okeechobee, Pool E)	7/31/2006	3.5	I	<0.1	U	no blue green algae present
	1/17/2006	3.4	I	<0.1	U	no blue green algae visible
	2/13/2006	2.2	I	<0.1	U	no blue green algae visible
	3/28/2006	2.9	I	<0.1	U	-
	4/11/2006	2.9	I	<0.1	U	no blue green algae present
	5/8/2006	10		0.3	I	light concentration present in streaks on surface
	5/23/2006	6.2		0.3	I	no blue green algae visible
	6/6/2006	5		0.2	I	no blue green algae present
	6/19/2006	2	I	0.2	I	no blue green algae present
S68 (S68 Spillway on C-41A Canal, Lake Istokpoga)	7/18/2006	3.7		<0.1	U	no blue green algae present
	7/31/2006	3.1	I	<0.1	U	no blue green algae present
	1/17/2006	25.8		0.3	I	no blue green algae visible
	2/13/2006	40.1		0.4	I	no visible blue green algae
	3/28/2006	13		0.5	I	-
	4/11/2006	16.9		0.3	I	no blue green algae present
	5/8/2006	21.4		0.2	I	no blue green algae present
	5/23/2006	9.6		0.2	I	no blue green algae present
	6/6/2006	9.6		<0.1	U	no blue green algae present
6/19/2006	19.2		0.2	I	no blue green algae present	
7/18/2006	6.7		0.6	I	no blue green algae present	
7/31/2006	33.6		1.0		no blue green algae present	

Flagged data is due to accuracy and precision issues. The flags indicate quality control parameters which fell outside what is normally accepted for this analyte. Appropriate caution should be used in interpreting the data. Data table lists only sites sampled.

Flag:

J = failed quality control criteria for accuracy or precision

Q = time between collection and analysis exceeded criteria

I = result is between the laboratory minimum detection limit and the laboratory practical quantitation limit

U = result is undetected at the minimum detection limit